

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter J. McDonnell</td> <td>04/26/2011</td> </tr> <tr> <td>Yasin A. Khan</td> <td>05/18/2011</td> </tr> <tr> <td>Samuel K. Lai</td> <td>05/02/2011</td> </tr> <tr> <td>Renata T. Kashiwabuchi</td> <td>05/02/2011</td> </tr> <tr> <td>Ashley Behrens</td> <td>10/05/2011</td> </tr> <tr> <td>Justin S. Hanes</td> <td>05/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Peter J. McDonnell	04/26/2011	Yasin A. Khan	05/18/2011	Samuel K. Lai	05/02/2011	Renata T. Kashiwabuchi	05/02/2011	Ashley Behrens	10/05/2011	Justin S. Hanes	05/17/2011
Name	Execution Date														
Peter J. McDonnell	04/26/2011														
Yasin A. Khan	05/18/2011														
Samuel K. Lai	05/02/2011														
Renata T. Kashiwabuchi	05/02/2011														
Ashley Behrens	10/05/2011														
Justin S. Hanes	05/17/2011														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	The Johns Hopkins University														
<b>Street Address:</b>	3400 N. Charles Street														
<b>City:</b>	Baltimore														
<b>State/Country:</b>	MARYLAND														
<b>Postal Code:</b>	21218														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>PCT Number:</b></td> <td>US1126321</td> </tr> </tbody> </table>		Property Type	Number	<b>PCT Number:</b>	US1126321										
Property Type	Number														
<b>PCT Number:</b>	US1126321														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(404)879-2160														
<b>Phone:</b>	404-879-2150														
<b>Email:</b>	laurie@pabstpatent.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
<b>Correspondent Name:</b>	Patrea L. Pabst, Pabst Patent Group LLP														
<b>Address Line 1:</b>	1545 Peachtree Street, NE														
<b>Address Line 2:</b>	Suite 320														
<b>Address Line 4:</b>	Atlanta, GEORGIA 30309														
<b>ATTORNEY DOCKET NUMBER:</b>	JHU C11011 PCT														

OP \$40.00 US1126321

**501756716**

**PATENT**  
**REEL: 027391 FRAME: 0457**

NAME OF SUBMITTER:

Laurie Delesandro

Total Attachments: 6

source=JHU C11011 PCT#page1.tif

source=JHU C11011 PCT#page2.tif

source=JHU C11011 PCT#page3.tif

source=JHU C11011 PCT#page4.tif

source=JHU C11011 PCT#page5.tif

source=JHU C11011 PCT#page6.tif

WORLDWIDE ASSIGNMENT

WHEREAS, Peter J. MCDONNELL, Yasin A. KHAN, Samuel K. LAI, Renata T. KASHIWABUCHI, Ashley BEHRENS and Justin S. HANES, hereinafter referred to as the Assignors, have invented certain improvements relating to **SUSTAINED DELIVERY OF THERAPEUTIC AGENTS TO AN EYE COMPARTMENT**, for which said Assignors have caused applications for Patent to be prepared,

- the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the U.S. Patent and Trademark Office;
- said U.S. applications having been filed in the U.S. Patent and Trademark Office on February 25, 2010, and assigned Application Nos. 61/308,035, 61/308,042 and 61/308,053; and
- said application having been filed under the Patent Cooperation Treaty on February 25, 2011, and assigned Application No. PCT/US2011/026321, the United States of America having been designated.

AND WHEREAS, The Johns Hopkins University, having a principal place of business located at 3400 N. Charles Street, Baltimore, Maryland 21218, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign, sell and transfer, and have assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignors authorize and request the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as Assignors might or could have held and enjoyed the same, if this assignment had not been made.

Assignors further hereby assign, sell and transfer, and have assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignors hereby authorize and request the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.


IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this 26<sup>th</sup> day of April, 2011.

ASSIGNOR:

Signature:   
Name: Peter J. MCDONNELL

WITNESS:

Signature:   
Name: CAROLYN S. COLLINS  
Address: 600 N. WOLFE STREET  
BALTIMORE, MD 21201-9878

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Yasin A. KHAN

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Samuel K. LAI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Renata T. KASHIWABUCHI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Peter J. MCDONNELL

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this 18 day of May, 2011.

ASSIGNOR:

Signature: [Signature]  
Name: Yasin A. KHAN

WITNESS:

Signature: [Signature]  
Name: SULTANA KHAN  
Address: 79 CARDINAL ST  
BARRIE, ON, L4M 6E3 CANADA

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Samuel K. LAI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Renata T. KASHIWABUCHI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Peter J. MCDONNELL

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Yasin A. KHAN

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this 02 day of May, 2011.

ASSIGNOR:

Signature: *Samuel K. Lai*  
Name: SAMUEL K. LAI

WITNESS:

Signature: *J. Dman Babu*  
Name: DUREL BABU SUBRAMAN  
Address: 205 CORNER DR. #18  
CHAPEL HILL, NC - 27514

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Renata T. KASHIWABUCHI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Peter J. MCDONNELL

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Yasin A. KHAN

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: Samuel K. LAI

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

EXECUTED this 2<sup>nd</sup> day of May, 2011.

ASSIGNOR:

Signature: Renata T. Kashiwabuchi  
Name: Renata T. KASHIWABUCHI

WITNESS: N

Signature: Nanci S. Kashiwabuchi  
Name: NANCI S. KASHIWABUCHI  
Address: R. INDEPENDENCIA 3358  
SÃO JOSÉ DO RIO PRETO - SP  
BRAZIL

EXECUTED this 5<sup>th</sup> day of OCTOBER, 2011.

ASSIGNOR:

Signature: [Signature]  
Name: ASHLEY BEHRENS

WITNESS:

Signature: [Signature]  
Name: MITA CARLOS  
Address: P.O. Box 7191, Riyadh 11462  
Kingdom of Saudi Arabia

EXECUTED this 17 day of May, 2011.

ASSIGNOR:

Signature: [Signature]  
Name: JUSTIN S. HANES

WITNESS:

Signature: [Signature]  
Name: NICOLE D. TURNER  
Address: 400 N. Broadway, Smith Bldg 4019  
Baltimore, MD 21201

Witness:

Signature: [Signature]  
Name: Sarah Hussey  
Address: PO Box 7191  
Riyadh 11462  
Saudi Arabia