

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James M Wilson</td> <td>08/22/2013</td> </tr> <tr> <td>Christie L Bell</td> <td>08/19/2013</td> </tr> <tr> <td>Luc H Vandenberghe</td> <td>08/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	James M Wilson	08/22/2013	Christie L Bell	08/19/2013	Luc H Vandenberghe	08/09/2013				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The Trustees of the University of Pennsylvania</td> </tr> <tr> <td>Street Address:</td> <td>3160 Chestnut Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 200</td> </tr> <tr> <td>City:</td> <td>Philadelphia</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19104-6283</td> </tr> </table>		Name:	The Trustees of the University of Pennsylvania	Street Address:	3160 Chestnut Street	Internal Address:	Suite 200	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104-6283
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 2155405818  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2155409200        Email: <a href="mailto:docketing@howsoniplaw.com">docketing@howsoniplaw.com</a>        Correspondent Name: Howson &amp; Howson LLP        Address Line 1: 350 Sentry Parkway, Building 620        Address Line 2: Suite 210        Address Line 4: Blue Bell, PENNSYLVANIA 19422</p>													
ATTORNEY DOCKET NUMBER:	UPN-X5836PC_US												
NAME OF SUBMITTER:	Cathy A. Kodroff												
Signature:	/CathyAKodroff/												

PATENT

Date:

08/27/2013

**Total Attachments: 4**

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## ASSIGNMENT

WHEREAS, James M. Wilson, Christie L. Bell and Luc H. Vandenberghe, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention in the application entitled COMPOSITIONS AND METHODS FOR ALTERING TISSUE SPECIFICITY AND IMPROVING AAV9-MEDIATED GENE TRANSFER, which application was made or authorized to be made by us, said invention being fully set forth and described in the application for Letters Patent of the United States, as set forth in PCT application No. PCT/US2012/025550, filed February 17, 2012, which has been prepared in connection with said invention, and which has been signed by ASSIGNORS concurrently herewith;

WHEREAS, The Trustees of the University of Pennsylvania, a non-profit organization, organized and existing under and by virtue of the laws of the commonwealth of Pennsylvania and engaged in business at 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104-6283, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefore;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and by any and all subsequently filed provisional, nonprovisional, continuation, continuation-in-part, divisional applications, and all substitutes thereof, and in and to any and all Letters Patent and legal equivalents thereof resulting therefrom, including any and all reissues, re-examinations and extensions;

And ASSIGNORS hereby authorize and request the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent of said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

And ASSIGNORS hereby authorize and direct its attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date Aug. 22, 2013

James M. Wilson (SEAL)

### NOTARIAL CERTIFICATE

State of Pennsylvania :  
County of Philadelphia : SS.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Jacqueline Miraglia, Notary Public  
City of Philadelphia, Philadelphia County  
My Commission Expires Aug. 29, 2015  
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 22 day of August, 2013, personally appeared James M. Wilson to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

Jacqueline Miraglia  
Notary Public

Date \_\_\_\_\_ (SEAL)  
Christie L. Bell

### NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :  
County of \_\_\_\_\_ : SS.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_, 2013, personally appeared Christie L. Bell to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

\_\_\_\_\_  
Notary Public

UPN-X5836PC-US

And ASSIGNORS hereby authorize and direct its attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date \_\_\_\_\_ (SEAL)  
James M. Wilson

NOTARIAL CERTIFICATE	
State of _____	:
	: ss.
County of _____	:
Before me, the undersigned, a notary public, in and for the county aforesaid, on this _____ day of _____, 2013, personally appeared James M. Wilson to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.	
_____ Notary Public	

Date Aug. 19, 2013 Christie L. Bell (SEAL)  
Christie L. Bell

NOTARIAL CERTIFICATE	
State of <u>Massachusetts</u>	:
	: ss.
County of <u>Middlesex</u>	:
On this <u>19<sup>th</sup></u> day of <u>August</u> , 2013, before me personally appeared <u>Eue H. Vandenberghe</u> and proved to me through satisfactory evidence of identification, which was <u>NS DL</u> , to be the person whose name is signed on the preceding or attached document in my presence.	
_____ Notary Public	



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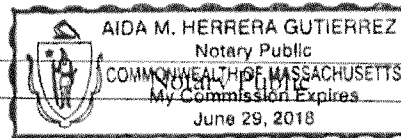
Date 8/9/2013

 (SEAL)  
Luc H. Vandenberghe

NOTARIAL CERTIFICATE

State of Massachusetts :  
County of Suffolk : ss.

On this 8 day of August, 2013, before me personally appeared Luc H. Vandenberghe and proved to me through satisfactory evidence of identification, which was a driver's license, to be the person whose name is signed on the preceding or attached document in my presence.



US Patent Application No. 13/985,630

Filing Date: August 15, 2013