

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5656462

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VANDENBERGHE LUK	09/20/2007
GUANGPING GAO	09/20/2007
JAMES W. WILSON	09/20/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
<b>Street Address:</b>	3160 CHESTNUT STREET
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16368758
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	docketing@howsoniplaw.com
<b>Correspondent Name:</b>	HOWSON & HOWSON
<b>Address Line 1:</b>	350 SENTRY PARKWAY
<b>Address Line 2:</b>	BUILDING 620, SUITE 210
<b>Address Line 4:</b>	BLUE BELL, PENNSYLVANIA 19422
<b>ATTORNEY DOCKET NUMBER:</b>	UPN-R3895D2US
<b>NAME OF SUBMITTER:</b>	FRANCIS J. COFFEY
<b>SIGNATURE:</b>	/Francis J. Coffey/
<b>DATE SIGNED:</b>	08/07/2019
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

WHEREAS, Luk Vandenberghe, Guangping Gao, and James M. Wilson hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled **METHOD OF INCREASING THE FUNCTION OF AN AAV VECTOR**, said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been signed by ASSIGNORS;

WHEREAS, The Trustees of the University of Pennsylvania, a corporation 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 in any United States or foreign patent which may be granted on said invention, including any extensions, non-provisionals, divisions, reissues, continuations, or continuations-in-part.

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 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.

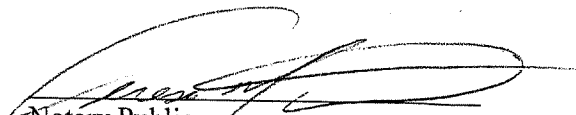
Date 9/20/07

  
\_\_\_\_\_  
LUK VANDENBERGHE

NOTARIAL CERTIFICATE

State of Pennsylvania :  
County of Philadelphia : ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 20 day of September, 2007, personally appeared LUK VANDENBERGHE 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

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Teresa M. Dunn, Notary Public  
City of Philadelphia, Philadelphia County  
My commission expires August 12, 2011

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


Date 9/20/2007

  
\_\_\_\_\_  
GUANGPING GAO

NOTARIAL CERTIFICATE

State of Pennsylvania :  
County of Philadelphia : ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 20 day of September, 2007, personally appeared **GUANGPING GAO** 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

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Teresa M. Dunn, Notary Public  
City of Philadelphia, Philadelphia County  
My commission expires August 12, 2011

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

Date 9-20-07

J.M. Wilson  
JAMES M. WILSON

NOTARIAL CERTIFICATE

State of Pennsylvania :  
County of Philadelphia : ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 20 day of September, 2007, 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.

Teresa M. Dunn  
Notary Public COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Teresa M. Dunn, Notary Public  
City of Philadelphia, Philadelphia County  
My commission expires August 12, 2011

Application for United States Letters Patent Serial Number 11/887,679, filed October 2, 2007.

Howson & Howson LLP