

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5359687

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the THE ADDRESS OF THE ASSIGNEE previously recorded on Reel 047468 Frame 0725. Assignor(s) hereby confirms the ADDRESS OF THE ASSIGNEE IS CORRECTED TO 3160 CHESTNUT STREET, SUITE 200, PHILADELPHIA, PA 19104..
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GUANGPING GAO	02/10/2003
JAMES M. WILSON	04/10/2003
MAURICIO R. ALVIRA	02/10/2003
<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>
Application Number:	16145848
<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>Phone:</b>	2155409200
<b>Email:</b>	docketing@howsoniplaw.com, dferris@howsoniplaw.com
<b>Correspondent Name:</b>	HOWSON & HOWSON LLP
<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-O2735USC5
<b>NAME OF SUBMITTER:</b>	COLLEEN M. SCHALLER
<b>SIGNATURE:</b>	/Colleen M. Schaller/
<b>DATE SIGNED:</b>	02/05/2019

**Total Attachments: 4**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5232072

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GUANGPING GAO	02/10/2003
JAMES M. WILSON	04/10/2003
MAURICIO R. ALVIRA	02/10/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
<b>Street Address:</b>	3601 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>
Application Number:	16145848
<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>Phone:</b>	2155409200
<b>Email:</b>	docketing@howsoniplaw.com, dferris@howsoniplaw.com
<b>Correspondent Name:</b>	HOWSON & HOWSON LLP
<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>	O2735C5US
<b>NAME OF SUBMITTER:</b>	COLLEEN M. SCHALLER
<b>SIGNATURE:</b>	/Colleen M. Schaller/
<b>DATE SIGNED:</b>	11/11/2018
<b>Total Attachments: 3</b>	
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U.S. Appln. No. 10/291,583  
UPN-02735USA

ASSIGNMENT

WHEREAS, Guangping Gao, James M. Wilson, and Mauricio R. Alvira, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled METHOD OF DETECTING AND/OR IDENTIFYING ADENO-ASSOCIATED VIRUS (AAV) SEQUENCES AND ISOLATING NOVEL SEQUENCES IDENTIFIED THEREBY, 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 filed with United States Patent and Trademark Office on November 12, 2002 and given NonProvisional Application No. 10/291,583.

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, Pennsylvania 19104-6203 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 therefor;

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, divisions, reissues, continuations or continuations-in-part.


And ASSIGNORS hereby authorize and request the Director of the U.S. Patents and Trademark Office to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the 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 permit ASSIGNEE, its successors and assigns, to procure Letters Patent for 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.

U.S. Appln. No. 10/291,583  
UPN-02735USA

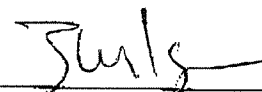
IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 2-10-03

 (SEAL)  
Guangping Gao


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

Date 4-10-03

 (SEAL)  
James M. Wilson

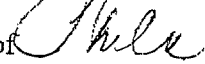
IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 2-10-03

 (SEAL)  
Mauricio R. Alvira

NOTARIAL CERTIFICATE

State of 

County of 

: ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 10<sup>th</sup> day of February 2003, personally appeared **Guangping Gao** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.

  
Notary Public



U.S. Appln. No. 10/291,583  
UPN-02735USA

NOTARIAL CERTIFICATE

State of *Pa*

County of *Phila*

: ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 10<sup>th</sup> day of April 2003, personally appeared **James M. Wilson** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.

*Janet C. Deeney*  
Notary Public

NOTARIAL SEAL  
JANET C. DEENEY, Notary Public  
City of Philadelphia, Phila. County  
My Commission Expires April 8, 2004

NOTARIAL CERTIFICATE

State of *Pa*

County of *Phila*

: ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 10<sup>th</sup> day of February 2003, personally appeared **Mauricio R. Alvira** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.

*Janet C. Deeney*  
Notary Public

NOTARIAL SEAL  
JANET C. DEENEY, Notary Public  
City of Philadelphia, Phila. County  
My Commission Expires April 8, 2004