505213329 11/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5260096

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM BELTRAN	03/23/2017
GUSTAVO D. AGUIRRE	03/29/2017
ARTUR CIDECIYAN	03/30/2017
SAMUEL JACOBSON	03/30/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16081307

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

Phone: 617-646-8000

Email: patents_PatrickW@wolfgreenfield.com

Correspondent Name: PATRICK R.H. WALLER
Address Line 1: 600 ATLANTIC AVENUE
WOLF GREENFIELD

Address Line 4: BOSTON, MASSACHUSETTS 02210

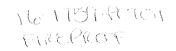
ATTORNEY DOCKET NUMBER:	U1197.70073US02
NAME OF SUBMITTER:	PATRICK R.H. WALLER
SIGNATURE:	/Patrick R.H. Waller/
DATE SIGNED:	11/30/2018
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Total Attachments: 8

PATENT REEL: 047635 FRAME: 0115

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PATENT REEL: 047635 FRAME: 0116



As a below-named inventor, I hereby declare that I believe I am the original inventor(s) or an original joint inventor of the subject matter which is claimed in the patent application for United States letters patent, entitled, "AAV VECTORS FOR TREATMENT OF DOMINANT RETINITIS PIGMENTOSA," (the "Invention") that

☐ was signed by me/us on	(attached) and/or
	PCT/US2017/020289;
(the "Application").	

The Application was made or authorized to be made by me, and I have reviewed and understand its contents, including the claims.

I hereby acknowledge the duty to disclose information that is material to patentability of the Invention in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

By virtue of my employment, appointment, or affiliation with The University of Pennsylvania (the "University") and pursuant to the University Intellectual Property Policy and my Intellectual Property Agreement with the University, I have assigned all my rights in the Invention to the University or its assignee or designee. I hereby acknowledge that the University has designated The Trustees of the University of Pennsylvania (the "Trustees"), having an office at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, to be the assignee of its entire right, title, and interest in the Invention.

THEREFORE, for valuable consideration, the sufficiency and receipt of which I hereby acknowledge, I confirm and ratify the sale, assignment, and transfer to the Trustees, its successors and assigns, all my rights in the Invention, the Application, and all other patent applications and patents for the Invention which may be applied for or granted, including, all divisional, continuing, substitute, renewal, reissue, reexamination, counterpart, substitute, extension, and all other application for letters patent which are or have been filed for the Invention in the United States, its territorial possessions, and all foreign countries and in all patents and extensions which may be granted for the Application.

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Docket No.: U1197,70073WO00

patent that issues on the Application or unpaid royalties with respect to use of any rights in the Application that occurred before the execution of this Assignment.

I agree that, in regard to the Application, I will communicate to the Trustees or its representatives any facts that are known to me; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuing, substitute, renewal, reissue, and other application for letters patent; execute all necessary papers; make all rightful oaths; and generally do everything possible to aid the Trustees, its successors and assigns, to obtain and enforce all rights with respect to the Application in the United States, its territorial possessions, and all foreign countries.

Signed:	W) ()
~	William Dak	1

Date: 2377012 2017

State of <u>Pennsylvania</u> County of <u>Philadelphia</u>

On this 23rd day of March, 2017, William Beltran personally appeared before me, known by me to be the person described in the foregoing Assignment, who executed the foregoing Assignment, and who acknowledged the same to be his/her free act for the purposes set forth in the foregoing Assignment.

Darrow (re Joyang KoNotary Public

My Commission Expires:

SEAL

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL SAMANTHA SOYOUNG KOO **Notary Public**

CITY OF PHILADELPHIA, PHILADELPHIA CNTY My Commission Expires Sep 8, 2019

Docket No.: U1197.70073WO00

As a below-named inventor, I hereby declare that I believe I am the original inventor(s)
or an original joint inventor of the subject matter which is claimed in the patent application for
United States letters patent, entitled, "AAV VECTORS FOR TREATMENT OF DOMINANT
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⊠ was filed on March 1, 2017, S	Serial No. PCT/US2017/020289;

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Docket No.: U1197.70073WO00

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Signed:	(Wlell)
0	

Name: Gustavo D. Aguirre

Address: 300 Timber Jump Lane, Media, Pennsylvania 19063

Date: 3 - 29 - 17

State of <u>Pennsylvania</u> County of <u>Philadelphia</u>

On this 24 thay of March, 2017; Gustavo D. Aguirre personally appeared before me, known by me to be the person described in the foregoing Assignment, who executed the foregoing Assignment, and who acknowledged the same to be his/her free act for the purposes set forth in the foregoing Assignment.

My Commission Expires:

SEAL

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL SAMANTHA SOYOUNG KOO

Notary Public
CITY OF PHILADELPHIA, PHILADELPHIA CNTY
My Commission Expires Sep 8, 2019

Docket No.: U1197.70073WO00

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☐ was signed by me/us on	(attached) and/or
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Docket No.: U1197.70073WO00

PATENT REEL: 047635 FRAME: 0121 patent that issues on the Application or unpaid royalties with respect to use of any rights in the Application that occurred before the execution of this Assignment.

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Signed:

Name: Artur Cideciyan

Address: 687 Cherrydale Drive, Lafayette Hill, Pennsylvania 19444

Date:

State of Pennsylvania County of philadelphia

On this 30th day of March, 200 Artur Cideciyan personally appeared before me, known by me to be the person described in the foregoing Assignment, who executed the foregoing Assignment, and who acknowledged the same to be his/her free act for the purposes set forth in the foregoing Assignment.

Notary Public

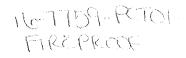
My Commission Expires:

SEAL

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL STEPHANIE M. BONGIOVANNI, Notary Public City of Philadelphia, Phila. County My Commission Expires May 5, 2020

Docket No.: U1197.70073WO00



As a below-named inventor, I hereby declare that I believe I am the original inventor(s) or an original joint inventor of the subject matter which is claimed in the patent application for United States letters patent, entitled, "AAV VECTORS FOR TREATMENT OF DOMINANT RETINITIS PIGMENTOSA," (the "Invention") that

☐ was signed by me/us on	(attached) and/or
☑ was filed on March 1, 2017, Serial No. PCT/US	2017/020289;
(the "Amplication")	
(the "Application").	

The Application was made or authorized to be made by me, and I have reviewed and understand its contents, including the claims.

I hereby acknowledge the duty to disclose information that is material to patentability of the Invention in accordance with Title 37, Code of Federal Regulations, § 1.56.

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Signed:

Name: Samuel Jacobson

Address: 1229 Centennial Road, Penn Valley, Pennsylvania 19072

3-30-17

State of Penns Vanig

On this 20th day of March, 2017 Samuel Jacobson personally appeared before me, known by me to be the person described in the foregoing Assignment, who executed the foregoing Assignment, and who acknowledged the same to be his/her free act for the purposes set forth in the foregoing Assignment.

Notary Public

My Commission Expires:

SEAL

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL STEPHANIE M. BONGIOVANNI, Notary Public City of Philadelphia, Phila. County My Commission Expires May 5, 2020

Docket No.: U1197.70073WO00

RECORDED: 11/30/2018