PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5964792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN HINDERER	01/08/2016
JAMES M. WILSON	01/08/2016
MATTHEW WILSON	01/08/2016

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3600 CIVIC CENTER BLVD.
Internal Address:	9TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15754931

CORRESPONDENCE DATA

Fax Number:

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HOWSON & HOWSON LLP Correspondent Name: Address Line 1: 325 SENTRY PARKWAY EAST Address Line 2: FIVE SENTRY EAST, SUITE 160 Address Line 4: BLUE BELL, PENNSYLVANIA 19422

ATTORNEY DOCKET NUMBER: 15-7472US NAME OF SUBMITTER: COLLEEN M. SCHALLER **SIGNATURE:** /Colleen M. Schaller/ **DATE SIGNED:** 02/14/2020

Total Attachments: 3

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PATENT REEL: 051823 FRAME: 0148 source=UPN7472P_Assignment-EXECUTED#page2.tif source=UPN7472P_Assignment-EXECUTED#page3.tif

PATENT REEL: 051823 FRAME: 0149

ASSIGNMENT

WHEREAS, Christian HINDERER, James M. WILSON, and Matthew WILSON, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention in the application entitled AAV-EPO FOR TREATING COMPANION ANIMALS, 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 which has been prepared in connection with said invention, and which has been assigned US Provisional Patent Application No.62/212,144, filed August 31, 2015;

WHEREAS, The Trustees of the University of Pennsylvania, a university 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 19401 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;

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

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Date <u>61/08/16</u>	Christian HINDERER (SEAL)
NOTAR	IAL CERTIFICATE
State of Pennsylvania County of Philadelphia	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jacqueline Miraglia, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Aug. 29, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
this 8+11 day of January me known to be the person described	a notary public, in and for the county aforesaid, on 20/6 personally appeared Christian Hinderer to in and who executed the foregoing instrument and the same as a free act and deed and desired the same Aguelan Maghe Notary Public
Date <u>San 8 2016</u>	James M. WILSON (SEAL)
NOTAR	IAL CERTIFICATE
State of Pennsylvania County of Philadelphia	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jacqueline Miraglia, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Aug. 29, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
this of day of January me known to be the person described	a notary public, in and for the county aforesaid, on, 20/6, personally appeared James M. Wilson to in and who executed the foregoing instrument and the same as a free act and deed and desired the same
	Jaquelin Mraglia Notary Public

Date	(SEAL)
·	Matthew WILSON
NOTA	RIAL CERTIFICATE
State of Pennsylvania County of Philadelphia	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Jacqueline Miraglia, Notary Public SS. City of Philadelphia, Philadelphia County My Commission Expires Aug. 29, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
this 8+4 day of January me known to be the person describe	, a notary public, in and for the county aforesaid, on, 2016 personally appeared Matthew Wilson to ed in and who executed the foregoing instrument and of the same as a free act and deed and desired the same
	Notary Public

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Jacqueline Miraglia, Notary Public
City of Philadelphia, Philadelphia County
My Commission Expires Aug. 29, 2019

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES