505465317 05/08/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN FIEDLER	11/14/2016
EVA FRITSCHER	11/09/2016
MEINHARD HASSLACHER	11/14/2016
DOMINIK MITTERGRADNEGGER	11/14/2016
TANVIR TABISH	11/10/2016

RECEIVING PARTY DATA

Name:	BAXALTA GMBH	
Street Address:	THURGAUERSTRASSE 130	
City:	GLATTPARK (OPFIKON)	
State/Country:	SWITZERLAND	
Postal Code:	8152	
Name:	BAXALTA INCORPORATED	
Street Address:	1200 LAKESIDE DRIVE	
City:	BANNOCKBURN	
State/Country:	ILLINOIS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16347107

CORRESPONDENCE DATA

Fax Number: (212)704-6288

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.

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Phone: 2127046000

Email: IPservicesNYC@troutman.com, rosalee.leeds@troutman.com

Correspondent Name: TROUTMAN SANDERS LLP

Address Line 1: 875 THIRD AVENUE

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER: 250478.001797

PATENT REEL: 049112 FRAME: 0606

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NAME OF SUBMITTER:	ROSALEE LEEDS
SIGNATURE:	/Rosalee Leeds/
DATE SIGNED:	05/08/2019
Total Attachments: 4	
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PATENT REEL: 049112 FRAME: 0607

ASSIGNMENT (Joint Inventors)

Serial No. 62/417,750

Filed: November 4, 2016

Altorney Docket No. 31315/51386

For good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to BAXALTA INCORPORATED, a corporation of Delaware, having a principal place of business at Bannockburn, illinois, its successors, legal representatives and assigns, and to BAXALTA GMBH, a corporation of Switzerland, having a principal place of business at Glattpark (Optikon), Switzerland, its successors, legal representatives and assigns (hereinafter jointly referred to as "assignee") the entire right, title and interest throughout the world, to the extent not previously assigned to assignee, in our invention or improvements in

ADENO-ASSOCIATED VIRUS FORMULATIONS

and, effective as of the date of filing, in the above listed application(s) for Letters Patent therefor, executed by each of us individually, and any and all other patent applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of any country which may be obtained on any of the said applications, and in any reissue or extension thereof and any applications that claim priority thereto, including any regional and national stage applications.

We hereby authorize and request the patent offices of all countries to issue to the said assignee all patents that may issue on said invention or improvements. We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number and docket number of said applications when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights to any person or entity other than the assignee in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental cath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, including any regional and national stage applications that claim priority thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

We further agree to perform, upon such request, any and all affirmative acts, including but not limited to execution of any and all documents deemed necessary or expedient by the said assignee or its successors, legal representatives or assigns, to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand.

PATENT REEL: 049112 FRAME: 0608

Signature Sheet (Joint Inventors)

Serial No. 62/417,750

Filed: November 4, 2016

Attorney Docket No. 31315/51386

ADENO-ASSOCIATE VIRUS FORMULATIONS

Inventor Name: Christian FIEDLER	Inventor Name: Eva FRITSCHER
Date: Novembra 14th 2016	Date:
Signature:	Signature:
Witness Name: <u>MAZ/A心 迷ど</u> 心がん	Witness Name:
Date: 14. NOV. 2016	Date:
Signature: <u>Y. Ow</u> <u>C</u>	Signature:
Inventor Name: Meinhard HASSLACHER	Inventor Name: Dominik MITTERGRADNEGGER
Date: 14 NoV, 2016	Date: November 14th 2016
Signature: <u>U. Ha Na A</u>	Signature: <u>). (44</u>
Witness Name: Deptiloily Differgradupger	Witness Name: <u>FIEDLED</u> CHRIJTUA/
Date: <u>Naveusce</u> 14/4	Date: <u>NOVEMBER</u> 19 16 2016
Signature: 0-00	Signature:

PATENT REEL: 049112 FRAME: 0609

Signature Sheet (Joint Inventors)

Serial No. 62/417,750

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ADENO-ASSOCIATE VIRUS FORMULATIONS

Inventor Name: Christian FIEDLER	Inventor Name: Eva FRITSCHER
Date:	Date: 03. 11. 2016
Signature:	Signature: 62 Ch. A. Communication of the Communica
Witness Name:	Wilness Name: Raffaela Anzinger
Date:	Date: 09. Nov. 2016
Signature:	Signature Signature
Inventor Name: Meinhard HASSLACHER	Inventor Name: Dominik MITTERGRADNEGGER
Date:	Date:
Signature:	Signature:
Witness Name:	Witness Name:
Date:	Date:
Signature:	Signature:

Supplemental Signature Sheet (Joint Inventors)

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ADENO-ASSOCIATED VIRUS FORMULATIONS

Inventor Name: Tanvir TABISH
Date: 10 11 2 2 16
Signature:
Witness Name: <u>Raffaela Anzinger</u>
Date: <u>/b llbv llo/6</u>
Signature: A1/2985

PATENT REEL: 049112 FRAME: 0611

RECORDED: 05/08/2019