

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOMINIQUE AMANS	05/01/2014
STEPHEN JOHN ATKINSON	04/07/2014
LEE ANDREW HARRISON	04/07/2014
DAVID JONATHAN HIRST	04/07/2014
ROBERT PETER LAW	04/04/2014
MATTHEW LINDON	04/07/2014
ALEXANDER PRESTON	04/07/2014
JONATHAN THOMAS SEAL	04/07/2014
CHRISTOPHER ROLAND WELLAWAY	04/07/2014
RECEIVING PARTY DATA	
Name:	GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED
Street Address:	980 GREAT WEST ROAD
City:	BRENTFORD
State/Country:	UNITED KINGDOM
Postal Code:	TW8 9GS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16735956
CORRESPONDENCE DATA	
Fax Number:	(617)607-9200
<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>	
Phone:	(617) 449-6500
Email:	eshea@mccarter.com
Correspondent Name:	MCCARTER & ENGLISH, LLP
Address Line 1:	265 FRANKLIN STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	130703-00306
NAME OF SUBMITTER:	YUN WANG, PH.D.

SIGNATURE:	/Yun Wang, Ph.D./
DATE SIGNED:	01/07/2020
Total Attachments: 12 source=Parent Assignment ()#page1.tif source=Parent Assignment ()#page2.tif source=Parent Assignment ()#page3.tif source=Parent Assignment ()#page4.tif source=Parent Assignment ()#page5.tif source=Parent Assignment ()#page6.tif source=Parent Assignment ()#page7.tif source=Parent Assignment ()#page8.tif source=Parent Assignment ()#page9.tif source=Parent Assignment ()#page10.tif source=Parent Assignment ()#page11.tif source=Parent Assignment ()#page12.tif	

ASSIGNMENT

WHEREAS I/WE, Dominique AMANS, a citizen of France, of Brentford, Middlesex, TW8 9GS, United Kingdom, Stephen John ATKINSON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Lee Andrew HARRISON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, David Jonathan HIRST, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Robert Peter LAW, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Matthew J LINDON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Alexander G PRESTON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Jonathan Thomas SEAL, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom and Christopher Roland WELLAWAY, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "Novel Compounds" (hereinafter referred to as "the invention and improvements") for which priority applications 61/781583 was filed on 14 March 2013 and 61/882798 was filed on 26 September 2013 in the United States, and for which a PCT international application PCT/EP2014/054795 was filed on 12 March 2014, designating the United States of America.

WHEREAS the invention and improvements, being made in the course of my employment, belong to my/our employer at that time, namely GLAXOSMITHKLINE SERVICES UNLIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS GLAXOSMITHKLINE SERVICES UNLIMITED has authorised and requested our making the application, and

WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from GLAXOSMITHKLINE SERVICES UNLIMITED the whole right, title and interest in and to the invention and improvements and in and to the application, and

WHEREAS GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring the whole right, title and interest in and to the invention and improvements and in and

to any applications for the invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE SERVICES UNLIMITED of the invention and improvements and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in and to the invention and improvements and the application, (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and improvements and to the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and improvements and to the application, including the right to claim priority from the application in respect of any subsequent applications, to GLAXOSMITHKLINE SERVICES UNLIMITED. GLAXOSMITHKLINE SERVICES UNLIMITED in turn hereby assigns and transfers to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED its whole right, title and interest in and to the invention and in and to the application.

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED** its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the invention and improvements and in and to the application including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and I/we the inventor(s) and GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**;

AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree at the request and cost of GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**, its successors and

assigns, the whole right, title and interest in and to the invention and improvements and in and to the application hereby assigned and transferred in all countries, including the United States of America, its territories and possessions.

IN WITNESS whereof and with effect from the 14 March 2013, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED have hereunto set their respective hands.

Inventor Name

Signature

Date

Dominique AMANS: Dominique Amans 1st May 2014

Stephen John ATKINSON: Stephen John Atkinson 7th April 2014
7th Apr. 2014

Lee Andrew HARRISON: Lee Andrew Harrison

David Jonathan HIRST: David Jonathan Hirst 7th April 2014

Robert Peter LAW: _____

Matthew J LINDON: Matthew J. Lindon 7th April 2014

Alexander G PRESTON: Alexander G Preston 07 APR 2014

Jonathan Thomas SEAL: Jonathan Thomas Seal 7th April 2014

Christopher Roland WELLAWAY: _____

Marcus Jonathan William DALTON

SIGNED by _____ As the Attorney &
Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH
AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED:

Marcus Jonathan William Dalton
Signature

Date: 01 MAY 2014

ASSIGNMENT

WHEREAS I/WE, Dominique AMANS, a citizen of France, of Brentford, Middlesex, TW8 9GS, United Kingdom, Stephen John ATKINSON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Lee Andrew HARRISON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, David Jonathan HIRST, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Robert Peter LAW, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Matthew J LINDON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Alexander G PRESTON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Jonathan Thomas SEAL, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom and Christopher Roland WELLAWAY, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "Novel Compounds" (hereinafter referred to as "the invention and improvements") for which priority applications 61/781583 was filed on 14 March 2013 and 61/882798 was filed on 26 September 2013 in the United States, and for which a PCT international application PCT/EP2014/054795 was filed on 12 March 2014, designating the United States of America.

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WHEREAS GLAXOSMITHKLINE SERVICES UNLIMITED has authorised and requested our making the application, and

WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from GLAXOSMITHKLINE SERVICES UNLIMITED the whole right, title and interest in and to the invention and improvements and in and to the application, and

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to any applications for the invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE SERVICES UNLIMITED of the invention and improvements and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in and to the invention and improvements and the application, (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and improvements and to the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and improvements and to the application, including the right to claim priority from the application in respect of any subsequent applications, to GLAXOSMITHKLINE SERVICES UNLIMITED. GLAXOSMITHKLINE SERVICES UNLIMITED in turn hereby assigns and transfers to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED its whole right, title and interest in and to the invention and in and to the application.

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED** its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the invention and improvements and in and to the application including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and I/we the inventor(s) and GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**;

AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree at the request and cost of GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**, its successors and

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IN WITNESS whereof and with effect from the 14 March 2013, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED have hereunto set their respective hands.

Inventor Name

Signature

Date

Dominique AMANS: _____

Stephen John ATKINSON: _____

Lee Andrew HARRISON: _____

David Jonathan HIRST: _____

Robert Peter LAW: Plan 4/4/2014

Matthew J LINDON: _____

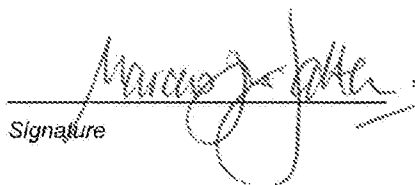
Alexander G PRESTON: _____

Jonathan Thomas SEAL: _____

Christopher Roland WELLAWAY: _____

Marcus Jonathan William DALTON

SIGNED by _____ As the Attorney &
Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH
AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED:


Signature

Date: 01 MAY 2014

ASSIGNMENT

WHEREAS I/WE, Dominique AMANS, a citizen of France, of Brentford, Middlesex, TW8 9GS, United Kingdom, Stephen John ATKINSON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Lee Andrew HARRISON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, David Jonathan HIRST, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Robert Peter LAW, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Matthew J LINDON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Alexander G PRESTON, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Jonathan Thomas SEAL, a citizen of United Kingdom, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom and Christopher Roland WELLAWAY, of Stevenage, Hertfordshire, SG1 2NY, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "Novel Compounds" (hereinafter referred to as "the invention and improvements") for which priority applications 61/781583 was filed on 14 March 2013 and 61/882798 was filed on 26 September 2013 in the United States, and for which a PCT international application PCT/EP2014/054795 was filed on 12 March 2014, designating the United States of America.

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AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree at the request and cost of GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**, its successors and

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Inventor Name

Signature

Date

Dominique AMANS:_____

Stephen John ATKINSON:_____

Lee Andrew HARRISON:_____

David Jonathan HIRST:_____

Robert Peter LAW:_____

Matthew J LINDON:_____

Alexander G PRESTON: _____

Jonathan Thomas SEAL: _____

Christopher Roland WELLAWAY: Wellaway 07- APRIL-2014

Marcus Jonathan William DALTON

SIGNED by _____ As the Attorney &
Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH
AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED;

Marcus Jonathan William Dalton
Signature

Date: 01 MAY 2014