

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TIMOTHY JAMES MILES	08/24/2016
	HAIFENG CUI	09/07/2016
	QI JIN	09/07/2016
	NEIL DAVID PEARSON	09/07/2016
	ALAN JOSEPH HENNESSY	09/05/2016
	STEPHEN FREDERICK MOSS	08/27/2016
RECEIVING PARTY DATA		
Name:	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED	
Street Address:	980 GREAT WEST ROAD	
City:	BRENTFORD, MIDDLESEX	
State/Country:	UNITED KINGDOM	
Postal Code:	TW8 9GS	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16415319
CORRESPONDENCE DATA		
Fax Number:	(610)917-6934	
<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>		
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Email:	us_cipkop@gsk.com	
Correspondent Name:	GLAXOSMITHKLINE	
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Address Line 2:	GLOBAL PATENTS - UP4110	
Address Line 4:	COLLEGEVILLE, PENNSYLVANIA 19426	
ATTORNEY DOCKET NUMBER:	PR65954C1 US	
NAME OF SUBMITTER:	AUDREY BOYD	
SIGNATURE:	/Audrey Boyd/	
DATE SIGNED:	05/17/2019	

Total Attachments: 8

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ASSIGNMENT

WHEREAS I/WE, Timothy James MILES, a citizen of United Kingdom, residing at Tres Cantos, Spain, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in **Compounds For Use In Antibacterial Applications** (hereinafter referred to as "the invention and improvements") for which a provisional application under 35 U.S.C. §111(b) was filed in the United States of America on 16 Aug 2015 under application number 62/205732, and 16 Mar 2016 under application number 62/308928 and for which a PCT international application PCT/IB2016/054890 was filed on 15 Aug 2016.

WHEREAS the invention and improvements, being made in the course of my employment, belongs to my/our employer at that time, namely **GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L.** a company incorporated in Spain whose registered address is c/ Santiago Grisolia, 4, Parque Tecnológico de Madrid, 28760 Tres Cantos, Madrid, Spain, and

WHEREAS **GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L.** 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 INVESTIGACION Y DESARROLLO S.L.** the whole right, title and interest in and to the invention and improvements and in and to the application, and

WHEREAS **GlaxoSmithKline Intellectual Property Development 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 INVESTIGACION Y DESARROLLO S.L.** 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 Spain), 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 INVESTIGACION Y DESARROLLO S.L.** **GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L.** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and improvements and in and to the application.

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GlaxoSmithKline Intellectual Property Development 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 INVESTIGACION Y DESARROLLO S.L.** 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 Development Limited;

AND GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L. 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 Development 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 Development 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.

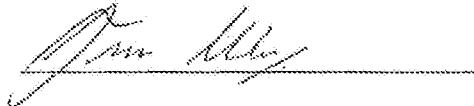
IN WITNESS whereof and with effect from the 16 Aug 2015, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L. and GlaxoSmithKline Intellectual Property Development Limited have hereunto set their respective hands.

Inventor Name:

Signature:

Date:

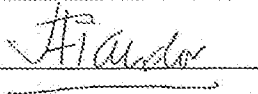
Timothy James MILES:



24th Aug 2016

SIGNED by JOSE M. FIANDOR as Authorised Official of GLAXOSMITHKLINE INVESTIGACION Y DESARROLLO S.L.

Signature:



Date:

24/8/2016

and

SIGNED by EDUARDO R. GIMENEZ as Attorney & Authorised Official of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GlaxoSmithKline Intellectual Property Development Limited

Signature:



Date:

08 Sept. 2016

ASSIGNMENT

WHEREAS I/WE, Haifeng CUI, a citizen of United States of King of Prussia, PA, USA, QI JIN a citizen of United States of King of Prussia, PA 19406, USA, Neil David PEARSON a citizen of United Kingdom, residing at Collegaville, Pennsylvania, USA, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in **Compounds For Use in Antibacterial Applications** (hereinafter referred to as "the invention and improvements") for which a provisional application under 35 U.S.C. §111(b) was filed in the United States of America on 16 Aug 2015 under application number 62/205732, and 16 Mar 2016 under application number 62/308928 and for which a PCT International application PCT/IB2016/054890 was filed on 15 Aug 2016.

WHEREAS, GLAXOSMITHKLINE LLC, a company incorporated in the State of Delaware, USA, whose trading address is 5 Crescent Drive, Philadelphia, Pennsylvania 19112, United States of America, is desirous of acquiring the whole right, title and interest in and to said invention and improvements, and in and to any applications for said invention and improvements, including the right to claim priority, and in and to any Letters Patent to be obtained therefor, in all countries, including the United States, its territories and possessions, 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 LLC the whole right, title and interest in and to the invention and improvements and in and to the application, and

WHEREAS GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT 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, Haifeng CUI, and QI JIN, for good and valuable consideration unto me/us moving, the receipt whereof is hereby acknowledged, have sold, assigned and transferred, and by these presents do sell, assign and transfer my/our whole right, title and interest in and to said invention and improvements to said GLAXOSMITHKLINE LLC, throughout the United States of America, its territories and possessions, and in and to said application, and any extensions, reissues, continuations, continuations-in-part, and any divisions thereof, and in and to any and all Letters Patent of the United States of America, including any priority rights under the International Convention AND, my/our whole right, title and interest in and to said invention and improvements to GLAXOSMITHKLINE LLC, in all other countries throughout the world, and in and to any applications in said other countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, registrations, and any renewals, extensions and divisions thereof, and in and to any and all Letters Patent of said all other countries which may be granted on said invention and improvements including any priority rights under the International Convention.

GLAXOSMITHKLINE LLC in turn hereby assigns and transfers to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT 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 GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT 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 LLC 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 DEVELOPMENT 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 DEVELOPMENT 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 DEVELOPMENT 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 16 Aug 2015, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE LLC and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED have hereunto set their respective hands.

Inventor Name:

Signature:

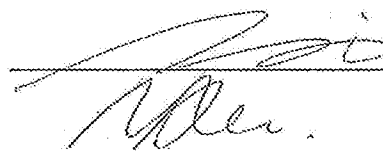
Date:

Haifeng CUI:



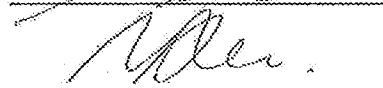
Sep 7, 2016

Qi JIN:



09/07/2016

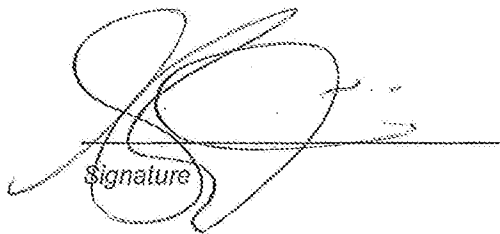
Neil David Pearson:



09/10/2016

PR65954

SIGNED by EDWARD R. GIMME as the Attorney & Authorised Official
of GLAXOSMITHKLINE LLC and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED;


Signature

Date: 9/8/2016

ASSIGNMENT

WHEREAS I/WE, Alan Joseph HENNESSY, a citizen of Ireland, residing at Cricklade, Wiltshire, United Kingdom, Stephen Frederick MOSS, a citizen of United Kingdom residing at Ickleton, Cambridgeshire, UK, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in **Compounds For Use in Antibacterial Applications** (hereinafter referred to as "the invention and improvements") for which a provisional application under 35 U.S.C. §111(b) was filed in the United States of America on 16 Aug 2015 under application number 62/205732, and 16 Mar 2016 under application number 62/308928 and for which a PCT international application PCT/IB2016/054890 was filed on 15 Aug 2016.

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 DEVELOPMENT 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 improvements and in and to the application.

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT 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 DEVELOPMENT 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 DEVELOPMENT 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 DEVELOPMENT 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 16 AUG 2016, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED have hereunto set their respective hands.

Inventor Name:

Signature:

Date:

Alan Joseph HENNESSY:

Alan Hennessy

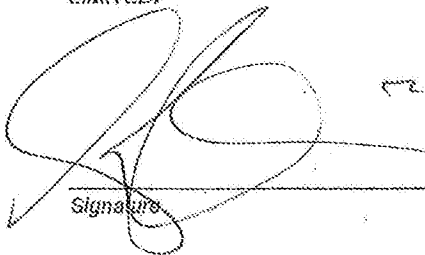
5th September 2016

Stephen Frederick MOSS:

Stephen Frederick Moss

27th August 2016

SIGNED by Edward R. Gimmi As the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED:


Signature

Date: September 6, 2016