

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2589225

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JULIE NICOLE HAMBLIN</td> <td>10/07/2011</td> </tr> <tr> <td>PAUL SPENCER JONES</td> <td>10/10/2011</td> </tr> <tr> <td>SUZANNE ELAINE KEELING</td> <td>10/06/2011</td> </tr> <tr> <td>JOELLE LE</td> <td>10/07/2011</td> </tr> <tr> <td>CHARLOTTE JANE MITCHELL</td> <td>10/07/2011</td> </tr> <tr> <td>NIGEL JAMES PARR</td> <td>10/07/2011</td> </tr> <tr> <td>ROBERT DAVID WILLACY</td> <td>10/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	JULIE NICOLE HAMBLIN	10/07/2011	PAUL SPENCER JONES	10/10/2011	SUZANNE ELAINE KEELING	10/06/2011	JOELLE LE	10/07/2011	CHARLOTTE JANE MITCHELL	10/07/2011	NIGEL JAMES PARR	10/07/2011	ROBERT DAVID WILLACY	10/07/2011
Name	Execution Date																
JULIE NICOLE HAMBLIN	10/07/2011																
PAUL SPENCER JONES	10/10/2011																
SUZANNE ELAINE KEELING	10/06/2011																
JOELLE LE	10/07/2011																
CHARLOTTE JANE MITCHELL	10/07/2011																
NIGEL JAMES PARR	10/07/2011																
ROBERT DAVID WILLACY	10/07/2011																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>980 GREAT WEST ROAD</td> </tr> <tr> <td>City:</td> <td>BRENTFORD, MIDDLESEX</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>TW8 9GS</td> </tr> </table>		Name:	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED	Street Address:	980 GREAT WEST ROAD	City:	BRENTFORD, MIDDLESEX	State/Country:	UNITED KINGDOM	Postal Code:	TW8 9GS						
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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13821585</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13821585												
Property Type	Number																
Application Number:	13821585																
CORRESPONDENCE DATA																	
Fax Number:	(919)483-7977																
Phone:	919-483-2370																
Email:	USCIPRTP@GSK.COM																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	GLAXOSMITHKLINE LLC GLOBAL PATENTS																
Address Line 1:	FIVE MOORE DRIVE POX BOX 13398																
Address Line 2:	MAILSTOP BIDE C2111.2F																
Address Line 4:	RESEARCH TRIANGLE PA, NORTH CAROLINA 27709																
ATTORNEY DOCKET NUMBER:	PB64335/RJS																
PATENT																	

NAME OF SUBMITTER:	YOLANDA A. VINES
Signature:	/Yolanda A. Vines/
Date:	10/24/2013
Total Attachments: 11 source=PB64335_Assignment#page1.tif source=PB64335_Assignment#page2.tif source=PB64335_Assignment#page3.tif source=PB64335_Assignment#page4.tif source=PB64335_Assignment#page5.tif source=PB64335_Assignment#page6.tif source=PB64335_Assignment#page7.tif source=PB64335_Assignment#page8.tif source=PB64335_Assignment#page9.tif source=PB64335_Assignment#page10.tif source=PB64335_Assignment#page11.tif	

CONFIRMATORY ASSIGNMENT

I/We, the undersigned owner

Glaxo Group Limited
980 Great West Road
Brentford
Middlesex TW8 9GS
GB

have, with effect from 1 January 2013, assigned PCT application number PCT/EP2011/065419 filed on 06 September 2011 entitled POLYMORPHS AND SALTS OF N- [5- [4- (5- { [(2R,6S) -2, 6 - DIMETHYL - 4 -MORPHOLINYL] METHYL} - 1, 3 - OXAZOL - 2 - YL) - 1H- INDAZOL-6-YL] -2- (METHYLOXY) - 3 - PYRIDINYL] METHANESULFONAMIDE with all rights and duties, and from which priority may be claimed from one or more applications, or any division, continuation and continuation-in-part of said application to

GlaxoSmithKline Intellectual Property Development Limited
980 Great West Road
Brentford
Middlesex TW8 9GS
GB

Signed at: Brentford, Middlesex, England

Date: 29 JUL 2013

Glaxo Group Limited


RICHARD A. EUSEMAN
Attorney and Authorised Official

DECLARATION OF ACCEPTANCE

I/We hereby agree to the aforementioned assignment.

Signed at: Brentford, Middlesex, England

Date: 2 AUG 2013

GlaxoSmithKline Intellectual Property Development Limited


RACHEL M. THORNLEY
Attorney and Authorised Official

ASSIGNMENT

WHEREAS I/WE, Julie Nicole HAMBLIN a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, Paul Spencer JONES a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, Suzanne Elaine KEELING a citizen of United Kingdom c/o Stevenage, Hertfordshire, SG1 2NY, Joelle LE a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, Charlotte Jane MITCHELL a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Nigel James PARR a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, Robert David WILLACY a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "NOVEL POLYMORPHS AND SALTS" (hereinafter referred to as "the invention and improvements") for which priority application 61/380748 was filed on 08 Sep 2010 in the United States, and for which a PCT international application PCT/EP2011/065419 was filed on 06 Sep 2011, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

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 **GLAXO GROUP LIMITED** a company incorporated in England whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex,

agree at the request and cost of **GLAXO GROUP 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 **GLAXO GROUP 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 **08 Sep 2010**, the inventor(s) and the Attorney & Authorised Official of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

Inventor Name	Signature	Date
Julie Nicole HAMBLIN:	<u>Nicole Hamblin</u>	<u>7th October 2011</u>
Paul Spencer JONES:	_____	
Suzanne Elaine KEELING:	_____	
Joelle LE:	<u>joelle le</u>	<u>7th OCTOBER 2011</u>
Charlotte Jane MITCHELL:	<u>Clutchell</u>	<u>7th OCTOBER 2011</u>

ASSIGNMENT

WHEREAS I/WE, **Julie Nicole HAMBLIN** a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, **Paul Spencer JONES** a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, **Suzanne Elaine KEELING** a citizen of United Kingdom c/o Stevenage, Hertfordshire, SG1 2NY, **Joelle LE** a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, **Charlotte Jane MITCHELL** a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, **Nigel James PARR** a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, **Robert David WILLACY** a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "**NOVEL POLYMORPHS AND SALTS**" (hereinafter referred to as "the invention and improvements") for which priority application **61/380748** was filed on **08 Sep 2010** in the **United States**, and for which a PCT international application **PCT/EP2011/065419** was filed on **06 Sep 2011**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

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 **GLAXO GROUP LIMITED** a company incorporated in England whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex,

UB6 ONN, 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 **GLAXO GROUP 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 **GLAXO GROUP 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 **GLAXO GROUP 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 **GLAXO GROUP 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 **08 Sep 2010**, the inventor(s) and the Attorney & Authorised Official of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

Inventor Name

Signature

Date

Julie Nicole HAMBLIN: _____

Paul Spencer JONES: _____

Suzanne Elaine KEELING: S. E. Keeling 06th Oct. 2011

Joelle LE: _____

Charlotte Jane MITCHELL: _____

Nigel James PARR: _____

Robert David WILLACY: _____

Marcus Jonathan William DALTON

SIGNED by _____

As the Attorney & Authorised Official of **GLAXOSMITHKLINE SERVICES UNLIMITED**
and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO**
GROUP LIMITED:



Signature

17 JAN 2012
Date: _____

ASSIGNMENT

WHEREAS I/WE, Julie Nicole HAMLIN a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, Paul Spencer JONES a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, Suzanne Elaine KEELING a citizen of United Kingdom c/o Stevenage, Hertfordshire, SG1 2NY, Joelle LE a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, Charlotte Jane MITCHELL a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, Nigel James PARR a citizen of United Kingdom of Stevenage, Hertfordshire SG1 2NY, United Kingdom, Robert David WILLACY a citizen of United Kingdom of Stevenage, Hertfordshire, SG1 2NY, United Kingdom, (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "NOVEL POLYMORPHS AND SALTS" (hereinafter referred to as "the invention and improvements") for which priority application 61/380748 was filed on 08 Sep 2010 in the United States, and for which a PCT international application PCT/EP2011/065419 was filed on 06 Sep 2011, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

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 **GLAXO GROUP LIMITED** a company incorporated in England whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex,

UB6 ONN, 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 **GLAXO GROUP 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 **GLAXO GROUP 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 **GLAXO GROUP 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 **GLAXO GROUP 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 08 Sep 2010, the inventor(s) and the Attorney & Authorised Official of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

Inventor Name

Signature

Date

Julie Nicole HAMBLIN: _____

Paul Spencer JONES: _____ *PS Jones* *10th October 2011*

Suzanne Elaine KEELING: _____

Joelle LE: _____

Charlotte Jane MITCHELL: _____

Nigel James PARR: _____

Robert David WILLACY: _____

SIGNED by Marcus Jonathan William DALTON

As the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED
and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO
GROUP LIMITED:



Signature

Date: 17 JAN 2012