

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Ian Robert Baldwin	11/11/2010
Kenneth David Down	11/04/2010
Paul Faulder	11/25/2010
Simon Gaines	11/14/2010
Julie Nicole Hamblin	11/04/2010
Paul Spencer Jones	11/10/2010
Joelle Le	11/05/2010
Nigel James Parr	11/05/2010
Timothy John Ritchie	11/05/2010
John Edward Robinson	11/08/2010
Juliet Kay Simpson	11/08/2010
Christian Alan Paul Smethurst	11/05/2010

**RECEIVING PARTY DATA**

Name:	Glaxo Group Limited
Street Address:	Glaxo Wellcome House, Berkeley Avenue
City:	Greenford, Middlesex
State/Country:	UNITED KINGDOM
Postal Code:	UB6 0NN

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12994254

**CORRESPONDENCE DATA**

Fax Number: (919)483-7977  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 9194832370  
 Email: usciprtp@gsk.com

CH \$40.00 12994254

Correspondent Name: GlaxoSmithKline, Global Patents  
Address Line 1: Five Moore Drive, PO Box 13398  
Address Line 2: Bide C.2111.2F  
Address Line 4: Research Triangle Pa, NORTH CAROLINA 27709-3398

ATTORNEY DOCKET NUMBER: PB63016/RJS

NAME OF SUBMITTER: Yolanda Vines

**Total Attachments: 35**

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**ASSIGNMENT**

WHEREAS I/WE, **Ian Robert BALDWIN, Kenneth David DOWN, Julie Nicole HAMBLIN, Joelle LE, Nigel James PARR and Juliet Kay SIMPSON** all of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Paul FAULDER, Simon GAINES, Paul Spencer JONES, Timothy John RITCHIE and John Edward ROBINSON** all care of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Christian Alan Paul SMETHURST** of **Harlow, Essex, GB** and a **British citizen** (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which an application for Letters Patent was filed in the United States of America on **5 June 2008** under application number **61/058957**, and for which a PCT international application **PCT/EP2009/056840** was filed on **03 June 2009**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

**WHEREAS** the invention, being made in the course of my employment, belongs 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 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 0NN, England, is desirous of acquiring the whole right, title and interest in and to the invention and in and to any applications for the invention and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

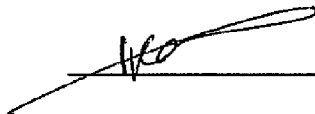
**NOW, THEREFORE**, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in and to the invention and 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 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 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 **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 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 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 5 June 2008, the inventor(s) and Peter John GIDDINGS as Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED by virtue of a Powers of Attorney granted by GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED have hereunto set their respective hands.

SIGNED by Ian Robert BALDWIN:



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Date: 11th November 2010

SIGNED by Kenneth David DOWN:



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Date: 4th November 2010

SIGNED by Paul FAULDER:

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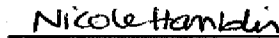
Date: \_\_\_\_\_

SIGNED by Simon GAINES:

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Date: \_\_\_\_\_

SIGNED by Julie Nicole HAMBLIN:



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Date: 4th November 2010

SIGNED by Paul Spencer JONES: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Joelle LE: joelle le

Date: 5th NOVEMBER 2010

SIGNED by Nigel James PARR: 

Date: 5/11/10

SIGNED by Timothy John RITCHIE: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by John Edward ROBINSON: \_\_\_\_\_

Date: \_\_\_\_\_

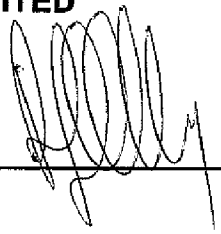
SIGNED by Juliet Kay SIMPSON: 

Date: 8th NOVEMBER 2010

**SIGNED by Christian Alan Paul SMETHURST:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED**



\_\_\_\_\_

23 NOV 2010

**Date:** \_\_\_\_\_

**ASSIGNMENT**

WHEREAS I/WE, **Ian Robert BALDWIN, Kenneth David DOWN, Julie Nicole HAMBLIN, Joelle LE, Nigel James PARR and Juliet Kay SIMPSON** all of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Paul FAULDER, Simon GAINES, Paul Spencer JONES, Timothy John RITCHIE and John Edward ROBINSON** all care of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Christian Alan Paul SMETHURST** of **Harlow, Essex, GB** and a **British citizen** (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which an application for Letters Patent was filed in the United States of America on **5 June 2008** under application number **61/058957**, and for which a PCT international application **PCT/EP2009/056840** was filed on **03 June 2009**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

**WHEREAS** the invention, being made in the course of my employment, belongs 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 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 0NN, England, is desirous of acquiring the whole right, title and interest in and to the invention and in and to any applications for the invention 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 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 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 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 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 **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 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 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 **5 June 2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

**SIGNED by Ian Robert BALDWIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Kenneth David DOWN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Paul FAULDER:**  \_\_\_\_\_

**Date:** 25/11/10 \_\_\_\_\_

**SIGNED by Simon GAINES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Julie Nicole HAMBLIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Paul Spencer JONES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Joelle LE:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Nigel James PARR:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Timothy John RITCHIE:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by John Edward ROBINSON:** \_\_\_\_\_

**Date:** \_\_\_\_\_

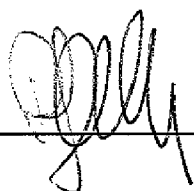
**SIGNED by Juliet Kay SIMPSON:** \_\_\_\_\_

**Date:** \_\_\_\_\_

SIGNED by Christian Alan Paul SMETHURST: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED



\_\_\_\_\_

0, 1 DEC 2010

Date: \_\_\_\_\_

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**SIGNED by Ian Robert BALDWIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Kenneth David DOWN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Paul FAULDER:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Simon GAINES:**           *S. Gaines*          

**Date:**           14 - Nov - 2010          

**SIGNED by Julie Nicole HAMBLIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Paul Spencer JONES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Joelle LE:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Nigel James PARR:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

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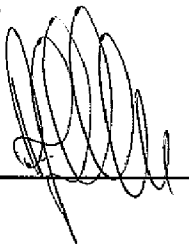
**Date:** \_\_\_\_\_



SIGNED by Christian Alan Paul SMETHURST: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED



23 NOV 2010

Date: \_\_\_\_\_

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**Date:** \_\_\_\_\_

**SIGNED by Kenneth David DOWN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

**SIGNED by Simon GAINES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Julie Nicole HAMBLIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

SIGNED by Paul Spencer JONES:

*Paul Jones*

Date: 10<sup>th</sup> November 2010

SIGNED by Joelle LE: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Nigel James PARR: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Timothy John RITCHIE: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by John Edward ROBINSON: \_\_\_\_\_

Date: \_\_\_\_\_

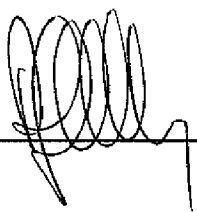
SIGNED by Juliet Kay SIMPSON: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Christian Alan Paul SMETHURST: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED

\_\_\_\_\_  


Date: 11 NOV 2010 \_\_\_\_\_

**ASSIGNMENT**

WHEREAS I/WE, **Ian Robert BALDWIN, Kenneth David DOWN, Julie Nicole HAMBLIN, Joelle LE, Nigel James PARR and Juliet Kay SIMPSON** all of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Paul FAULDER, Simon GAINES, Paul Spencer JONES, Timothy John RITCHIE and John Edward ROBINSON** all care of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Christian Alan Paul SMETHURST** of **Harlow, Essex, GB** and a **British citizen** (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which an application for Letters Patent was filed in the United States of America on **5 June 2008** under application number **61/058957**, and for which a PCT international application **PCT/EP2009/056840** was filed on **03 June 2009**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

**WHEREAS** the invention, being made in the course of my employment, belongs 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 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 0NN, England, is desirous of acquiring the whole right, title and interest in and to the invention and in and to any applications for the invention 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 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 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 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 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 **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 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 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 **5 June 2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

**SIGNED** by **Ian Robert BALDWIN**: \_\_\_\_\_

**Date**: \_\_\_\_\_

**SIGNED** by **Kenneth David DOWN**: \_\_\_\_\_

**Date**: \_\_\_\_\_

**SIGNED** by **Paul FAULDER**: \_\_\_\_\_

**Date**: \_\_\_\_\_

**SIGNED** by **Simon GAINES**: \_\_\_\_\_

**Date**: \_\_\_\_\_

**SIGNED** by **Julie Nicole HAMBLIN**: \_\_\_\_\_

**Date**: \_\_\_\_\_

**SIGNED by Paul Spencer JONES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Joelle LE:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Nigel James PARR:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Timothy John RITCHIE:**

Timothy John Ritchie.

**Date:** 05/11/2010

**SIGNED by John Edward ROBINSON:** \_\_\_\_\_

**Date:** \_\_\_\_\_

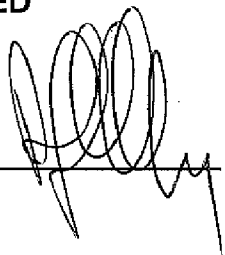
**SIGNED by Juliet Kay SIMPSON:** \_\_\_\_\_

**Date:** \_\_\_\_\_

SIGNED by Christian Alan Paul SMETHURST: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED



\_\_\_\_\_

11 NOV 2010

Date: \_\_\_\_\_

**ASSIGNMENT**

WHEREAS IWE, Ian Robert **BALDWIN**, Kenneth David **DOWN**, Julie Nicole **HAMBLIN**, Joelle **LE**, Nigel James **PARR** and Juliet Kay **SIMPSON** all of Stevenage, Hertfordshire, GB and all British citizens and Paul **FAULDER**, Simon **GAINES**, Paul Spencer **JONES**, Timothy John **RITCHIE** and John Edward **ROBINSON** all care of Stevenage, Hertfordshire, GB and all British citizens and Christian Alan Paul **SMETHURST** of Harlow, Essex, GB and a British citizen (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which an application for Letters Patent was filed in the United States of America on **5 June 2008** under application number **61/058957**, and for which a PCT international application **PCT/EP2009/056840** was filed on **03 June 2009**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

**WHEREAS** the invention, being made in the course of my employment, belongs 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 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 0NN, England, is desirous of acquiring the whole right, title and interest in and to the invention and in and to any applications for the invention 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 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 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 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 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 **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 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 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 **5 June 2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXO GROUP LIMITED** have hereunto set their respective hands.

**SIGNED by Ian Robert BALDWIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Kenneth David DOWN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Paul FAULDER:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Simon GAINES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Julie Nicole HAMBLIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

SIGNED by Paul Spencer JONES: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Joelle LE: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Nigel James PARR: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Timothy John RITCHIE: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by John Edward ROBINSON: JE Robinson

Date: 8th November 2010

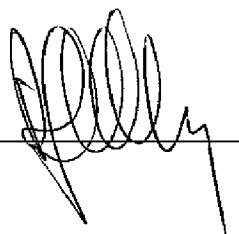
SIGNED by Juliet Kay SIMPSON: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Christian Alan Paul SMETHURST: \_\_\_\_\_

Date: \_\_\_\_\_

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED

\_\_\_\_\_  


Date: 11 NOV 2010 \_\_\_\_\_



**ASSIGNMENT**

WHEREAS I/WE, **Ian Robert BALDWIN, Kenneth David DOWN, Julie Nicole HAMBLIN, Joelle LE, Nigel James PARR and Juliet Kay SIMPSON** all of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Paul FAULDER, Simon GAINES, Paul Spencer JONES, Timothy John RITCHIE and John Edward ROBINSON** all care of **Stevenage, Hertfordshire, GB** and all **British citizens** and **Christian Alan Paul SMETHURST** of **Harlow, Essex, GB** and a **British citizen** (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which an application for Letters Patent was filed in the United States of America on **5 June 2008** under application number **61/058957**, and for which a PCT international application **PCT/EP2009/056840** was filed on **03 June 2009**, designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

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**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.

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**SIGNED by Ian Robert BALDWIN:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

**SIGNED by Paul FAULDER:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Simon GAINES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

**SIGNED by Paul Spencer JONES:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

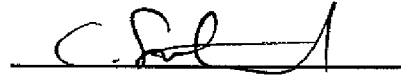
**SIGNED by John Edward ROBINSON:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SIGNED by Juliet Kay SIMPSON:** \_\_\_\_\_

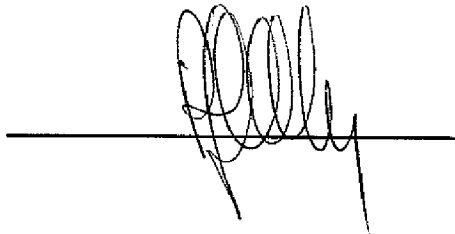
**Date:** \_\_\_\_\_

SIGNED by Christian Alan Paul SMETHURST:



Date: 05/11/10

SIGNED by Peter John GIDDINGS as the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXO GROUP LIMITED



Date: 11 NOV 2010