

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James F. Callahan	02/21/2008
Jeffrey C. Boehm	02/21/2008
Neysa Nevins	03/05/2008
Zehong Wan	02/20/2008
Beth Norton	03/19/2008
Xichen Lin	02/21/2008
Anthony WJ Cooper	03/26/2008
Stefano Livia	03/26/2008
Paul Bamborough	03/31/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11388968

CORRESPONDENCE DATA

Fax Number: (610)270-5253

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 610-270-5017

Email: US_CIPKOP@GSK.com

Correspondent Name: GlaxoSmithKline

Address Line 1: 709 Swedeland Road

Address Line 2: CIP UW2220

PATENT

500516172

REEL: 020815 FRAME: 0686

CH \$40.00 11388968

Address Line 4: King of Prussia, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:

PU61314T

NAME OF SUBMITTER:

Dara L. Dinner

Total Attachments: 5

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Assignment

WHEREAS, I/we **James F. CALLAHAN** of 709 Swedeland Road, King of Prussia, PA 19406 USA a citizen of United States of America; **Jeffrey C. BOEHM** of 709 Swedeland Road, King of Prussia, PA 19406 USA a citizen of United States of America; **Neysa NEVINS** of 709 Swedeland Road, King of Prussia, PA 19406 USA a citizen of United States of America; **Zehong WAN** of 709 Swedeland Road, King of Prussia, PA 19406 USA a citizen of United States of America; **Beth A. NORTON** of Five Moore Drive, Research Triangle Park, NC 13398 USA a citizen of United States of America; and **Xichen LIN** of 709 Swedeland Road, King of Prussia, PA 19406 USA a citizen of the Peoples Republic of China, respectively has/have invented or discovered certain improvements in "NOVEL COMPOUNDS" hereinafter referred to as said invention and improvements for which a priority application 60/665,315 filed 25 March 2005 and a US 1.11(a) case filed 24 March 2006 as USSN 11/388,968 in the United States Patent and Trademark Office.

WHEREAS, **GLAXO GROUP LIMITED**, a company incorporated in England, whose registered office is at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, 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 and any Letters Patent to be obtained therefor, in all countries, including the United States, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, **James F. CALLAHAN, Jeffrey C. BOEHM, Neysa NEVINS, Zehong WAN, Beth A. NORTON**, and **Xichen LIN** 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 **GLAXO GROUP LIMITED**, 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;

AND, my/our whole right, title and interest in and to said invention and improvements to **GLAXO GROUP LIMITED**, 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.

AND, I/we do hereby authorize and request the issue of any Letters Patent in the respective areas referred to, to said **GLAXO GROUP LIMITED**, as assignees of my/our whole right, title and interest in and to the same for the sole use and behalf of the said assignees, their successors and assigns as their interests appear herein;


AND, I/we warrant that I/we have not knowingly conveyed to others any right in said invention, improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing said invention and improvements and that I/we have good right to assign the same to **GLAXO GROUP LIMITED**;

AND, I/we the undersigned **James F. CALLAHAN, Jeffrey C. BOEHM, Neysa NEVINS, Zehong WAN, Beth A. NORTON, and Xichen LIN** for the consideration aforesaid, do hereby agree that I/we or my/our executors or legal representatives, will provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, application papers, affidavits, assignments and other documents which may be necessary or desirable to more effectually secure to and vest in said **GLAXO GROUP LIMITED**, their successors and assigns, the whole right, title and interest in and to the said invention and improvements, applications, Letters Patent, rights, title and interest hereby sold, assigned and conveyed, or intended so to be. *This assignment should be deemed effective as of 25 March 2005.*

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.


James F. CALLAHAN


21-Feb-2008.
Date


Jeffrey C. BOEHM

2/28/2008
Date


Neysa NEVINS


3/5/2008
Date


Zehong WAN

02/20/08
Date


Beth A. NORTON

03/19/08
Date


Xichen LIN

02/21/08
Date

ASSIGNMENT

WHEREAS I/WE, **Anthony William James Cooper of Stevenage, Hertfordshire, GB, Stefano Livia of Stevenage, Hertfordshire, GB, and Paul Bamborough of Stevenage, Hertfordshire, GB** (hereinafter called "the inventor(s)") have invented or discovered "**Novel Compounds**" (hereinafter called "the invention") for which a patent application No. **60/665,315** was filed on **25 March 2005** in the United States and for which a patent application has been filed on 24 March 2006 as USSN 11/388,968.

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer, 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 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 the application, and

GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

WHEREAS GLAXO GROUP LIMITED a company organised and existing under and by virtue of the laws of England and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

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 the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and 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 the application 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 the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any 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 the United States of America 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 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 the application hereby assigned and transferred in respect of the United States of America.

IN WITNESS whereof and with effect from **25 March 2005** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, respectively have hereunto set their respective hands.

SIGNED by

Anthony William James Cooper: *Anthony* Date: *26 Mar 08*

Stefano Livia: *Stefano Livia* Date: *26 March 2008*

Paul Bamborough: *Paul Bamborough* Date: *31st March 2008*

in the presence of:

SIGNED by **Peter John GIDDINGS** as the Attorney of each of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**:

P. Giddings

Date: *8th April 2008*