

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Francis CALLAHAN</td> <td>03/23/2009</td> </tr> <tr> <td>Guoliang LIN</td> <td>03/23/2009</td> </tr> <tr> <td>Zehong WAN</td> <td>03/12/2009</td> </tr> <tr> <td>Hongxing YAN</td> <td>03/25/2009</td> </tr> </tbody> </table>		Name	Execution Date	James Francis CALLAHAN	03/23/2009	Guoliang LIN	03/23/2009	Zehong WAN	03/12/2009	Hongxing YAN	03/25/2009
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James Francis CALLAHAN	03/23/2009										
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Zehong WAN	03/12/2009										
Hongxing YAN	03/25/2009										
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: 2											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12365934</td> </tr> <tr> <td>PCT Number:</td> <td>US0933130</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12365934	PCT Number:	US0933130				
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Application Number:	12365934										
PCT Number:	US0933130										
CORRESPONDENCE DATA											
Fax Number:	(610)270-5253										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	610-270-6812										
Email:	US_CIPKOP@GSK.com										
Correspondent Name:	GlaxoSmithKline										
Address Line 1:	709 Swedeland Road										
Address Line 2:	CIP UW2220										
Address Line 4:	King of Prussia, PENNSYLVANIA 19406										
ATTORNEY DOCKET NUMBER:	PU62814/GGL										
NAME OF SUBMITTER:	Arlene E Cannon										

CH \$80.00 12365934

Total Attachments: 2

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Assignment

WHEREAS, I/we, James Francis CALLAHAN of King of Prussia, PA 19406 a citizen of the United States of America; Guoliang LIN of King of Prussia, PA 19406 a citizen of China; Zehong WAN of Shanghai, China a citizen of China and Hongxing YAN of King of Prussia, PA 19406 a citizen of China, have/has invented or discovered certain improvements in Dual Pharmacophores - PDE4-Muscarinic Antagonistics hereinafter referred to as said invention and improvements for which a priority application 61/026572 was filed on 6 February 2008 in the United States Patent and Trademark Office and for which a PCT international application, PCT/US2009/033130 was filed 5 February 2009 designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor and for which an application under US 35 U.S.C. 111 (a) was filed on 5 February 2009 and given the serial number 12/365934.

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 Francis CALLAHAN, Guoliang LIN, Zehong WAN, Hongxing YAN 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;

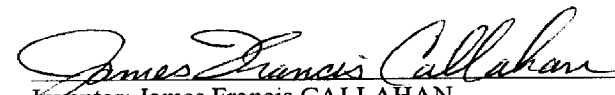
AND, my/our whole right, title and interest in and to said invention and improvements to **GLAXO GROUP LIMITED**, in all other countries throughout the world, and in and to any applications in said other countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, 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;

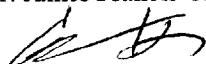
AND, I/we warrant that I/we have not knowingly conveyed to others any right in said invention, improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing said invention and improvements and that I/we have good right to assign the same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

AND, I/we the undersigned James Francis CALLAHAN, Guoliang LIN, Zehong WAN , Hongxing YAN 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 6 February 2008.*

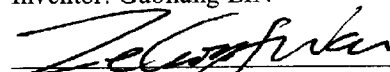
IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.


Inventor: James Francis CALLAHAN


03/23/09.
Date


Inventor: Guoliang LIN

03/23/2009
Date


Inventor: Zehong WAN

03/12/09
Date


Inventor: Hongxing YAN

03/25/09
Date