

PATENT ASSIGNMENT

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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>Colin David Eldred</td> <td>05/22/2009</td> </tr> <tr> <td>Thomas Daniel Heightman</td> <td>05/20/2009</td> </tr> <tr> <td>Jag Paul Heer</td> <td>05/19/2009</td> </tr> <tr> <td>John Skidmore</td> <td>05/26/2009</td> </tr> <tr> <td>Hailong Wang</td> <td>08/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Colin David Eldred	05/22/2009	Thomas Daniel Heightman	05/20/2009	Jag Paul Heer	05/19/2009	John Skidmore	05/26/2009	Hailong Wang	08/20/2009
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Glaxo Group Limited</td> </tr> <tr> <td>Street Address:</td> <td>Berkeley Avenue</td> </tr> <tr> <td>City:</td> <td>Greenford, Middlesex</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>UB6 0NN</td> </tr> </table>		Name:	Glaxo Group Limited	Street Address:	Berkeley Avenue	City:	Greenford, Middlesex	State/Country:	UNITED KINGDOM	Postal Code:	UB6 0NN		
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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>12989700</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12989700								
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CORRESPONDENCE DATA													
<p>Fax Number: 6102705253 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 610-270-5019 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</p>													
ATTORNEY DOCKET NUMBER:	PB62982												
NAME OF SUBMITTER:	Linda E. Hall												

CH \$40.00 12989700

Total Attachments: 15

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ASSIGNMENT

WHEREAS I/WE, **Colin David ELDRED of Stevenage, Hertfordshire GB and I/WE Jag Paul HEER, Thomas Daniel HEIGHTMAN and John SKIDMORE** all of **Harlow, Essex, GB** (hereinafter called "the inventor(s)") have invented or discovered "**Compounds**" (hereinafter called "the invention") for which an application for Letters Patent in the **United Kingdom** was filed on **30-Apr-2008** under application number **0807910.5**, and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorize and request that the filing date and PCT International application number, when known, be inserted here in parentheses;

(PCT Application No **PCT/EP2009/055193**, filed **29-Apr-2009**)

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** 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 **30-Apr-2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** have hereunto set their respective hands.

SIGNED by Colin David ELDRED: _____

C. D. Eldred

Date: 22nd May 2009

SIGNED by Jag Paul HEER: _____

Date: _____


SIGNED by Thomas Daniel HEIGHTMAN: _____

Date: _____

SIGNED by John SKIDMORE: _____

Date: _____

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



Date: 29 May 2009

ASSIGNMENT

WHEREAS I/WE, **Colin David ELDRED of Stevenage, Hertfordshire GB and I/WE Jag Paul HEER, Thomas Daniel HEIGHTMAN and John SKIDMORE all of Harlow, Essex, GB** (hereinafter called "the inventor(s)") have invented or discovered "**Compounds**" (hereinafter called "the invention") for which an application for Letters Patent in the **United Kingdom** was filed on **30-Apr-2008** under application number **0807910.5**, and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorize and request that the filing date and PCT International application number, when known, be inserted here in parentheses;

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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** 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 **30-Apr-2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** have hereunto set their respective hands.

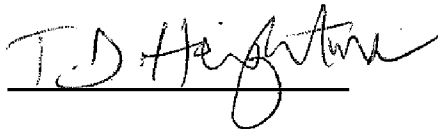
SIGNED by Colin David ELDRED: _____

Date: _____

SIGNED by Jag Paul HEER: _____

Date: _____

SIGNED by Thomas Daniel HEIGHTMAN: _____



Date: 20th May 2009

SIGNED by John SKIDMORE: _____

Date: _____

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



26 MAY 2009

Date: _____

ASSIGNMENT

WHEREAS I/WE, **Colin David ELDRED of Stevenage, Hertfordshire GB and I/WE Jag Paul HEER, Thomas Daniel HEIGHTMAN and John SKIDMORE all of Harlow, Essex, GB** (hereinafter called "the inventor(s)") have invented or discovered "**Compounds**" (hereinafter called "the invention") for which an application for Letters Patent in the **United Kingdom** was filed on **30-Apr-2008** under application number **0807910.5**, and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorize and request that the filing date and PCT International application number, when known, be inserted here in parentheses;

(PCT Application No **PCT/EP2009/055193**, filed **29-Apr-2009**)

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** 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.

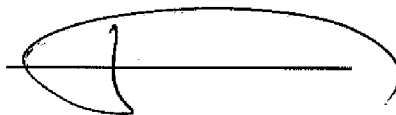
IN WITNESS whereof and with effect from the **30-Apr-2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** have hereunto set their respective hands.

SIGNED by Colin David ELDRED: _____

Date: _____

SIGNED by Jag Paul HEER: _____

Date: 19th May 2009



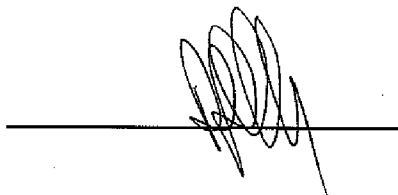
SIGNED by Thomas Daniel HEIGHTMAN: _____

Date: _____

SIGNED by John SKIDMORE: _____

Date: _____

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



Date: 26 MAY 2009

ASSIGNMENT

WHEREAS I/WE, **Colin David ELDRED of Stevenage, Hertfordshire GB and I/WE Jag Paul HEER, Thomas Daniel HEIGHTMAN and John SKIDMORE all of Harlow, Essex, GB** (hereinafter called "the inventor(s)") have invented or discovered "**Compounds**" (hereinafter called "the invention") for which an application for Letters Patent in the **United Kingdom** was filed on **30-Apr-2008** under application number **0807910.5**, and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorize and request that the filing date and PCT International application number, when known, be inserted here in parentheses;

(PCT Application No **PCT/EP2009/055193**, filed **29-Apr-2009**)

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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** 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 **30-Apr-2008**, the inventor(s) and **Peter John GIDDINGS** as Attorney of **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** by virtue of a Powers of Attorney granted by **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT** and **GLAXOSMITHKLINE SERVICES UNLIMITED** have hereunto set their respective hands.

SIGNED by Colin David ELDRED: _____

Date: _____

SIGNED by Jag Paul HEER: _____

Date: _____

SIGNED by Thomas Daniel HEIGHTMAN: _____

Date: _____

SIGNED by John SKIDMORE: _____

Date: 26 May 2009

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



- 8 JUN 2009
Date: _____

ASSIGNMENT

WHEREAS I/WE, Hailong WANG, of Shanghai, China, (hereinafter called "the inventor(s)") have invented or discovered "**Compounds**" (hereinafter called "the invention") for which an application for Letters Patent in the **United Kingdom** was filed on **30-Apr-2008** under application number **0807910.5**, and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorize and request that the filing date and PCT International application number, when known, be inserted here in parentheses;

(PCT Application No **PCT/EP2009/055193**, filed **29-Apr-2009**)

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer at that time, namely **GLAXOSMITHKLINE (CHINA) R&D COMPANY LIMITED** a company incorporated in China whose registered address is Building 3, 898 Halei Road Zhangjiang Hi-tech Park, Pudong, Shanghai 201203, China, and

WHEREAS GLAXOSMITHKLINE (CHINA) R&D COMPANY LIMITED has authorised and requested our making the application, and

WHEREAS GLAXO WELLCOME MANUFACTURING PTE LTD, a company organised and existing under the laws of Singapore and having its registered office at 1 Pioneer Sector 1, Jurong, Singapore 68413 has acquired from **GLAXOSMITHKLINE (CHINA) R&D COMPANY LIMITED** the rights in the invention by virtue of an agreement dated 1 April 2008.

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 **GLAXO WELLCOME MANUFACTURING PTE LTD** 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 (CHINA) R&D COMPANY LIMITED** 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 China), 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 (CHINA) R&D COMPANY LIMITED..**

GLAXOSMITHKLINE (CHINA) R&D COMPANY LIMITED in turn hereby assigns and transfers to **GLAXO WELLCOME MANUFACTURING PTE LTD** its whole right, title and interest in and to the invention and **GLAXO WELLCOME MANUFACTURING PTE LTD** 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 (CHINA) R&D COMPANY LIMITED, GLAXO WELLCOME MANUFACTURING**

PTE LTD 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 (CHINA) R&D COMPANY LIMITED, GLAXO WELLCOME MANUFACTURING PTE LTD 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 *30 April 2008*, the inventor(s) and Peter John GIDDINGS as the Attorney of **GLAXOSMITHKLINE (CHINA) R&D COMPANY LIMITED, GLAXO WELLCOME MANUFACTURING PTE LTD, GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, and GLAXO GROUP LIMITED** have hereunto set their respective hands.

SIGNED by Hailong WANG

:

Hailong Wang

Date:

Aug 20, 2009

SIGNED by Peter John GIDDINGS

:

[Signature]

Date:

25 August 2009